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Title: JP2002074871A2: HEAD GIMBALS ASSEMBLY EQUIPPED WITH ACTUATOR FOR POSITIONING, DISK DEVICE EQUIPPED WITH HEAD GIMBALS ASSEMBLY, AND MANUFACTURING METHOD FOR HEAD GIMBALS ASSEMBLY

Country: JP Japan
Kind: A2 Document Laid open to Public inspection¹

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Published / Filed: 2002-03-15 / 2000-08-31

Application Number: JP2000000262561

IPC Code: [G11B 21/10](#); [G11B 5/596](#); [G11B 21/21](#);

Priority Number: 2000-08-31 JP2000000262561

Abstract: PROBLEM TO BE SOLVED: To provide an HGA(head gimbals assembly) equipped with an actuator for fine positioning which prevents the grain drop of a piezoelectric material, does not impede the operation of the actuator, can be manufactured by a simplified process, and does not lower the strength of adhesion of the actuator, and to provide a disk device equipped with this HGA, and a method for manufacturing this HGA.

SOLUTION: A head slider having at least one head element is fixed on the actuator that uses a piezoelectric phenomena to perform the fine positioning of a head element. After fixing this actuator on a supporting mechanism to form the HGA, a coating film is deposited on the whole HGA by applying a low surface energy coating agent, for example, a fluorine system coating agent.

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Family: None

Other Abstract Info: DERABS G2002-368402



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